

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	WEST YELLOWSTONE (WYS)	AIRPORT REFERENCE CODE:	C-III (LG)
CITY:	WEST YELLOWSTONE	APPROACH TYPE:	PRECISION
CONTACT:	JEFF H.	DATE INVENTORIED:	9-14-95
PHONE #:	646-7631	INSPECTED BY:	PPP & RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 1/19 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	250'	285'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	300'	400'		✓
AIRCRAFT PARKING FROM CENTERLINE:	400'	730'		✓
RUNWAY WIDTH:	100'	150'		✓
RUNWAY LENGTH:	11,150' (1)		8,400'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	500'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	800'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	1,000' W & 7:1	(2) - (5)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1.5"		✓
PAVEMENT MARKING TYPE:	PRECISION	PRECISION		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
RUNWAY 1 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	1,000'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	1,000'	(6) & (7)		NO
APPROACH OBSTRUCTIONS:	50:1	NONE		✓
RUNWAY END ELEVATION:			6,644.0	N/A
RUNWAY 19 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	1,000'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	1,000'	(6) & (7)		NO
APPROACH OBSTRUCTIONS:	50:1	NONE		✓
RUNWAY END ELEVATION:			6,629.3	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	HIRL - BASE MOUNTED - HUGHEY PHILLIPS			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE/ORANGE	NOT RECORDED		✓
THRESHOLD 1				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 19				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS: (1) RW LENGTH OF 7,260' FOR 75% @ 60% LOAD, 8,750' FOR 75% @ 100% LOAD, 11,150' FOR 100% @ 60% LOAD, AND 11,150' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 5,540' FOR 75%, 7,820' FOR 95%, AND 7,820' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 8,400'

(2) WESTERN FENCE LINE AND WINDCONE ARE IN PRIMARY SURFACE; TREES ON THIS SIDE PENETRATE TRANSITIONAL SURFACE

(3) TREES PENETRATE TRANSITIONAL SURFACE (PRIM SURF @ 500')

(4) BEACON AND WIND CONE PENETRATE TRANSITIONAL SURFACE (PRIM SURF @ 500')

(5) OTHER OBJECTS SUCH AS BUILDINGS AND TREES ON THE EAST SIDE MAY PENETRATE THE TRANS. SURF. FOR PRIM SURF @ 1000'

(6) THRESHOLD LIGHTS ARE HEAVING OUT OF PAVEMENT - 1.5"+ CONCRETE STICKING UP ABOVE PAVEMENT

(7) SMALL TREES IN OBJECT FREE AREA

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	50'	75'		✓
TAXIWAY SAFETY AREA WIDTH:	118'	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	186'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	93'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1.5"		✓
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - BASE MOUNTED - CROUSE HINDS			✓
CONDITION:		GOOD (1)		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	50' METAL TOWER EAST OF APRON
SIZE OF BEACON:	36"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	19 END: 4-BOX VASI SYSTEM, REILS, ILS, LOC
WINDCONE (CONDITION & COMPLIANCE):	500'+ WEST OF RW @ MIDFIELD, LIGHTED ELECTRICAL CABLE ABOVE GROUND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
WINDCONE (CONDITION & COMPLIANCE):	NEAR HELIPADS ON 19 END OF FIELD
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	NONE
FENCING:	FAIR
SIGNS: (TYPE, CONDITION, PLACEMENT)	CROUSE HINDS DIRECTIONAL SIGNS, ALL IN GOOD COND, 30' FROM PAVEMENT EDGE DISTANCE TO GO SIGNS ALONG RUNWAY

COMMENTS:

(1) ONE TAXIWAY LIGHT MISSING A GLOBE
